

CLAIMS

1. A disc-molding mold characterized by comprising:
 - (a) a first support member;
 - (b) a first disc-shaped member attached to the first support member;
 - (c) a second support member; and
 - (d) a second disc-shaped member attached to the second support member, the second disc-shaped member facing the first disc-shaped member and forming a cavity space in cooperation with the first disc-shaped member when the disc-molding mold is clamped, wherein
 - (e) a medium flow passage for temperature control is formed in each of the first and second disc-shaped members;
 - (f) a stamper is removably attached to one of the first and second disc-shaped members; and
 - (g) in the vicinity of outer peripheral edges of the first and second disc-shaped members, the cooling capacity of the medium flow passage of the stamper-side disc-shaped member is lower than the cooling capacity of the medium flow passage of the non-stamper-side disc-shaped member.
2. A disc-molding mold according to claim 1, wherein a heat insulating section is formed in the stamper-side disc-shaped member in the vicinity of the outer peripheral edge thereof.

3. A disc-molding mold according to claim 2, wherein the heat insulating section is formed along a line corresponding to the outer peripheral edge of the stamper.
4. A disc-molding mold according to claim 2, wherein the heat insulating section is formed by a closed chamber filled with air.
5. A disc-molding mold according to claim 4, wherein the closed chamber is formed in an annular shape.
6. A disc-molding mold according to claim 2, wherein the heat insulating section is formed by a closed chamber filled with a heat insulating material.
7. A disc-molding mold according to any one of claims 4 to 6, wherein the closed chamber is deeper than the medium passage.
8. A disc-molding mold according to claim 1, wherein the medium flow passage is formed of a single continuous flow passage.
9. A disc-molding mold according to claim 2, wherein the medium passage of the non-stamper-side disc-shaped member has a greater depth at a portion corresponding to the heat insulating section, as compared with the remaining portions.
10. A molded product molded by use of the disc-molding mold according to claim 1.
11. A molding machine equipped with the disc-molding mold according to claim 1.